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## Faculty News

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# FACULTY NEWS



## DEPARTMENT OF PATHOLOGY



**Dr. E. A. Benbrook, head of the Department of Pathology.**

Although the need for veterinary training was apparent, the establishment of the Iowa State Veterinary College was, as all new things are, somewhat of an experiment. It became necessary to assign multiple duties and responsibilities to the faculty of the college to make this venture a success. Hence it was that when the Veterinary College was established in 1879, D. S. Fairchild, M. D., college health officer, became the first professor of pathology along with his other duties.

I. W. Smith, M.D., followed Dr. Fairchild as professor of pathology from 1893 to 1895. W. E. Harriman, M.D., replaced Dr. Smith from 1895 to 1907. C. H. Stange, D.V.M., taught pathology from 1907 until 1909. W. W. Dimock, D.V.M., became associate professor of pathology in 1909 when Dr. Stange was appointed dean. In 1911 the Veterinary Division was divided into departments. Dr. Dimock thus became the first head of the Department of Pathology, a position he held until his

resignation in 1919. Dr. E. A. Benbrook, present head of the department, succeeded Dr. Dimock.

With the increasing realization of the importance of bacteriology to disease, the department became known as the Department of Pathology and Bacteriology. In 1928 diagnostic work was transferred from the Department of Veterinary Research to the Department of Pathology, where it remained until the establishment of the Iowa Veterinary Diagnostic Laboratory in 1946.

When the Department of Hygiene was formed in 1930, it took with it work in milk and meat hygiene and the courses in bacteriology and the department became once again the Department of Pathology.

The department teaches courses in general pathology, special pathology and veterinary parasitology to second-year students and courses in applied avian pathology and postmortem and clinical pathology to fourth-year students.

The department serves Stange Memorial Veterinary Clinic in making clinical and postmortem diagnoses. The cadavers and other specimens from the clinic furnish part of the material for the laboratory courses in pathology and parasitology.

Course work in the Graduate College has been offered for major and minor credit in veterinary pathology since 1927. Among the holders of advanced degrees in pathology are a college president, a dean and four heads of college departments.

#### **Dr. Benbrook**

Edward Antony Benbrook was born in South Orange, N. J., and attended both elementary and high schools there. Following graduation from high school in 1910, he worked for one year for a biological company.

In 1911 he began his veterinary work at the University of Pennsylvania and graduated in 1914 with the degree V.M.D. After graduation he joined the staff at the University as instructor in pathology and bacteriology. In 1915 Dr. Benbrook went to Oklahoma A. & M. College as instructor and later assistant professor of veterinary pathology. While there he

taught courses in pathology, parasitology, physiology and anatomy.

Dr. Benbrook joined the staff at Iowa State College in 1918 as associate professor of veterinary investigation under Dr. Murray. He was appointed head of the Department of Pathology following Dr. Dimock's resignation in 1919.

Dr. Benbrook is author of the book "*List of Parasites of Domesticated Animals in North America*," and co-author with Dr. Margaret W. Sloss of the book "*Veterinary Clinical Parasitology*." He is author of the section on external parasites of poultry in Biester and Schwarte's "*Diseases of Poultry*." He has written many articles for veterinary periodicals.

Besides his duties in the department he has been a member of the Committee on Education of the A.V.M.A.; a member of the Committee on Parasitic Diseases of the U. S. Livestock Sanitary Association; secretary of the Iowa Board of Examiners in the Basic Sciences; an associate editor of the Journal of the A.V.M.A.; a member of the I.S.C. Athletic Council; a member of the Executive Committee of the National Board of Veterinary Examiners; and a council member of the American College of Veterinary Pathologists.

At present he is a member of the Committee on Parasitology of the A.V.M.A.; a member of the National Board of Veterinary Examiners; a member of the Committee on Scientific Exhibits of the A.V.M.A.; a member of the Executive Committee of the National Board of Veterinary Examiners; and vice president and chairman of the Committee on Photography of the American College of Veterinary Pathologists.

In addition to the above, he is affiliated with the American Association for the Advancement of Science; American Society of Parasitologists; Biological Photographic Association; Research Workers in Animal Diseases; Osborn Research Club; and Iowa Association of Pathologists. He is also a member of Phi Kappa Phi, Phi Zeta, Sigma Xi and Cardinal Key.

#### **Dr. Ramsey**

Frank K. Ramsey was born in Princeton, Mo. He graduated from high school



**Dr. F. K. Ramsay, associate professor of pathology.**

at Ravanna, Mo. In 1936, he received his Bachelor of Science degree from Northern State Teachers College in Aberdeen, S. D. He was superintendent of the high school at Bonilla, S. D. for two years.

In 1940 he received his Masters degree in zoology from the University of Montana. From 1940 until 1943 he taught biology at Glendive, Mont., and in 1943 entered the Division of Veterinary Medicine at Iowa State College. Three years later, in 1946, he received his degree in veterinary medicine.

For the next three years Dr. Ramsey was affiliated with the Department of Anatomy, one year as an instructor and two years as assistant professor. In the summer of 1948 he attended the Medical School at the University of Minnesota where he took an intensive course in neuro-anatomy. Dr. Ramsey has been an associate professor in the Department of Pathology since 1949.

He is a member of Phi Zeta, Phi Kappa Phi, Gamma Sigma Delta, Kappa Delta Pi and Sigma Delta Epsilon. He was president of the Student Chapter of the A.V.M.A. while in school and later served as Faculty Representative to the Chapter.

#### **Dr. Sloss**

Margaret W. Sloss was born in Cedar Rapids, Iowa. At the age of eight the family moved to Ames where she attended Welch School and graduated from Ames High.

In 1919 she matriculated at Iowa State College and graduated with the degree Bachelor of Science in zoology in 1923. After graduation she worked as technician in the Department of Pathology. In 1925 she resigned her position and spent a year studying medicine at the University of Iowa. In 1926 she returned to the Department of Pathology as technician and in 1929 was promoted to assistant.



**Dr. M. W. Sloss, assistant professor of pathology.**

She received the degree Master of Science in 1932, the title of her thesis being "The Microscopic Anatomy of the Digestive Tract of *Sus Scrofa Domestica*". She received the degree Doctor of Veterinary Medicine in 1938. In 1941 she was promoted to instructor and in 1943 to assistant professor.

Dr. Sloss teaches clinical pathology to fourth-year students in the clinic, teaches laboratory technique to graduate students in the department, and a course in laboratory technique to senior veterinary student wives. In addition, she is responsible for the histo-pathology on material sent from Stange Memorial Clinic.

She is co-author with Dr. Benbrook of the book "*Clinical Parasitology*" and author of numerous articles in veterinary periodicals.

Dr. Sloss is president of the National Women's Veterinary Medical Association; past national president of Sigma Delta Epsilon (for graduate women in science); a member of Mortar Board; Women's I

Fraternity; Phi Kappa Phi; Phi Zeta; Alpha Delta Pi; and National Collegiate Players. She is also a member of the national A.V.M.A. and the Iowa Veterinary Medical Association.

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## GENERAL

Dean H. D. Bergman, Iowa State's faculty representative to the Big Seven Athletic Conference, was the official representative of Iowa State College at the annual meeting of the National Collegiate Athletic Association held in Cincinnati, Ohio, on Jan. 10-12, 1952. There were three full days of discussions pertaining to so-called de-emphasis of intercollegiate athletics and their proper place in the academic program of our colleges and universities. An attempt is now being made by the major athletic conferences to implement the recommendations of the N.C.A.A. and those of the American

Council on Education, which latter represent proposals of a large group of college presidents.

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Dr. H. E. Biester of the Research Institute, attended the American College of Veterinary Pathologists at the University of Illinois Medical Center in Chicago on December 1.

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Dr. H. E. Biester attended the conference on Animal Diseases of North America in Chicago on December 3.

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Dr. W. H. Chivers, of the Department of Surgery, is the author of the article entitled "Clinical Use of Aureomycin in some Bovine and Equine Infections," which appears in the January issue of the Journal of the American Veterinary Medical Association.

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Dr. M. S. Hofstad, of the Research Institute, attended the North-Central Regional Conference on Newcastle Disease in Chicago on December 1-2.

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At the Iowa State Veterinary Medical Association Meeting in Des Moines Jan. 16-18, Dr. Margaret Sloss was made an honorary member.

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Dr. Baker, Dr. Albrecht, and Dr. Jensen of the small animal medicine staff were in attendance at a panel on small animal nutrition at the Hotel Savery in Des Moines on February 13.

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Drs. H. L. Foust, F. K. Ramsey and E. A. Hewitt; of the Departments of Anatomy, Pathology and Physiology respectively; are to participate in a short course in poultry plant sanitation and inspection for the training of officers of the U. S. Public Health Service. The meeting is to be held March 17-21 at Omaha, Nebr.

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Dr. E. A. Benbrook, head of the Department of Veterinary Pathology, attended the annual seminar of the American College of Veterinary Pathologists held at the University of Illinois Medical School in Chicago on November 24.

Dr. L. C. Payne of the Veterinary Physiology Department spoke on "Large and Small Animal Clinical Endocrinology" at the Central Iowa Veterinary Association Meeting held at Des Moines on February 19.

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Dr. H. L. Foust was made a life member of the Iowa State Veterinary Medical Association during the meeting held in Des Moines January 16-18.

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Dr. E. A. Hewitt of the Veterinary Physiology Department spoke on the topic "Opportunities In Veterinary Medicine," at the Career Day Program held at the Newton High School on February 13.

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Dr. M. S. Hofstad of the Research Institute, attended the Conference on Poultry Diseases at Salisbury, Md., February 25-26.

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Drs. I. A. Merchant and R. A. Packer, of the Veterinary Hygiene Department, have recently completed a revision of the *Handbook For The Etiology, Diagnosis And Control Of Bovine Mastitis*.

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Dr. P. C. Bennett spoke on the subject "Gut Edema" at the recent meeting of the South Dakota Veterinary Medical Association held at Sioux Falls.

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Dr. R. A. Packer presented a paper entitled "Bovine Mastitis" at the recent meeting of the Iowa State Veterinary Medical Association Meeting at Des Moines.

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Dr. G. R. Fowler, head of the Department of Surgery, presided as Toastmaster at the banquet of the convention of the Iowa Veterinary Medical Association in Des Moines on December 17.

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Dr. O. W. Whitcomb, of the Department of Surgery, spoke to the Ames Saddle Club concerning lamenesses of horses on January 17.

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Dr. A. B. Hoerlein, of the Research Institute, attended a meeting dealing with baby pig losses in Chicago on December 2.